DECLARATION FOR UTILITY OR

DESIGN PATENT APPLICATION

(37 CFR 1.63)

OR

Declaration

Submitted after Initial

□ Declaration

Submitted

Mith Initial

Approved for use through 04/30/2003. OMB 0651-0032

Loren M. Caldwell et al.

410391

COMPLETE IF KNOWN

(Herewith)

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Filing Date

Attorney Docket Number

First Named Inventor

Application Number

Filing	(37 CFR 1.16 (e))	Art Unit	Unknown		
, Thing	required)	Examiner Name	Unknown		
I hereby declare that:					
Each inventor's residence	ce, mailing address, and citi	zenship are as stated be	low next to their I	name.	
I believe the inventor(s) name on the invention entitled:	d below to be the original and firs	t inventor(s) of the subject mat	er which is claimed a	and for which a patent is sought	
	TA SYSTEMS AND M	IETHODS			
* .	*		*		
the specification of which	(Title of th	e Invention)			
is attached hereto				*	
OR			•,		
was filed on (MM/DD	///Y/)	as United States Ap	plication Number o	r PCT International	
Application Number	and	was amended on (MM/DD/Y	YYY) [(if applicable).	
I hereby state that I have revie specifically referred to above.	ewed and understand the conte	nts of the above identified sp	ecification, includin	g the claims, as amended	
applications, material informat	close information which is mater ion which became available be continuation-in-part application.	tween the filing date of the pi			
breeder's rights certificate(s), States of America, listed below	or 365(a) of any PCT internati	ional application which design, by checking the box any f	nated at least one oreign application(s) for patent, inventor's or plant	
Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy Attached? YES NO	
1. The second se					
Additional foreign applicat	tion numbers are listed on a su	pplemental priority data shee	t PTO/SB/02B atta	ched hereto:	

TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

[Page 1 of 3] This collection of information is required by 37 CFR 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

Under the Proporter's Reduction Act of 1995, no per DECLARATION —	100 4 100	expand to a collect	on of information u	dete il con	
		. 50319.		- John	
	code Labet	30965	OF	· 🗆	Correspondence address below
Name	·x¹		*		
Address	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			
City		ZIP			
Country		Telephone		Fax	
I hereby declare that all statements made herein believed to be true, and further that these statem punishtable by fine or imprisonment, or both, und application or any patent leaved thereon. NAME OF SOLE OR FIRST INVENTI	er 18 U.S.C. 1001	th the knowledge and that such will	s (hat widhs talen itus feleo etalerne	statemer onto may j	its and the fits so made are
Given Name Loren M. (first and middle (11 any))			ily Name umame	Caldwel	3
Inventor's Loran M	Caller	ll	Date	£/3	1/03
Residence: City	State		Country		Citizenship
Ft. Collins	CO.		LICA		
			USA		USA
			JUSA		USA
2018 Rollingwood Dr.	State		Zip	· - T-	Country
Maifing Address 2018 Rollingwood Dr. City Ft. Collins					
2018 Rollingwood Dr. City	Statu	 	Zlp		Country
2018 Rollingwood Dr. City Ft. Collins	Statu	has been file	Zip 80525 ad for this un:		Country
2018 Rollingwood Dr. City FL Collins NAME OF SECOND INVENTOR: Given Name Martin J.	Statu	has been file	Zip 80525 ad for this un:	signed (Country
2018 Rollingwood Dr. City FL Collins NAME OF SECOND INVENTOR: Given Name (first and middle [if any]) Inventor's	Statu	has been fik	Zip 80525 and for this uns	signed (Country USA Inventor
2018 Rollingwood Dr. City FL Collins NAME OF SECOND INVENTOR: Given Name (first and middle [if any]) Inventor's Signature	Staria CO	has been fik	Zip 80525 ad for this unit nity Name Courname	signed (Country USA Inventor
2018 Rollingwood Dr. City Ft. Collins NAME OF SECOND INVENTOR: Given Name Markn J. (first and middle [if any]) Inventor's Signature Residence: City	State CO A petition State	has been fik	Zip 80525 ad for this unit nity Name Courname	signed (Country USA Inventor /03 Citizenship
2018 Rollingwood Dr. City Ft. Collins NAME OF SECOND INVENTOR: Given Name Marin J. (first and middle [if anyl) Inventor's Signature Residence: City Pine Mailing Address	State CO A petition State	has been file	Zip 80525 ad for this unit nity Name Courname	signed (Country USA Inventor // 3 Citizenship

[Page 2 of 3]

Family Name or Surname

Date

Citizenship

Given Name (first and middle [if any])

State

State

inventor's Signature

City

Residence: City

Mailing Address Malling Address

PTO/SB/02A (05-03) Approved for use through 04/30/2003, OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE pond to a collection of information unless it contains a valid QMB control number. Under the Paperwork Reduction Act of 1995, no persons are required to res ADDITIONAL INVENTOR(S) **DECLARATION** Supplemental Sheet Page 3 of 3 Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor Given Name (first and middle (if any)) Family Name or Sumame Weimer Carl S. Inventor's Signature 131/03 CO USA Littleton Residence: City Citizenship Country 6314 S. Lamar Ct. Mailing Address Mailing Address CO 80128 USA City Littleton ZΨ State Country Name of Additional Joint Inventor, if any A petition has been filed for this unsigned inventor Given Name (first and middle (if any)) Family Name or Sumame Loren Q. Nelson Inventor's 7/31/03 Signature CO USA Residence: City USA Citizenship Mailing Address 708 Soda Creek Dr. Mailing Address Evergreen CO 80439 USA State Zin Country Name of Additional Joint Inventor, if any: A petition has been filed for this unsigned inventor

Country This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which this collection of information is required by 35 0.3.0. The anitor is required to obtain a benefit by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Country

Zip

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Express Mail Lab	el No. E	V 203526547 US		A	norowed for use thous	PTO/SB/81 (05-03) h 11/30/2005. OMB 0851-0035
Under the Paperw	ork Reduc	tion Act of 1995, no persons a	re required to respond	U.S. Patent and Train	demark Office; U.S. Di	EPARTMENT OF COMMERCE avs a valid OMB control number.
		Application Number		Unknown		
		Filing Date		(Herewith)		
		First Named	nventor	Loren M. Cald	well	
		Art Unit Examiner Name		Unknown Unknown		
						·
I hereby appoi	Int:		N			
☑ Practitioner		tomer Number 30	955]	Place Custon Number Bar (
OR☐ Practitioner	r(e) nam	ard helower			Label here	, .
Fraculoner	its/name	Name		Registr	ation Number	
· ·						
			 			
			I I		 	
					·	
: L_				· ,		
		agent(s) to prosecute th	e application iden	lifled above, and	to transact all bus	iness in the Patent and
Trademark Offi	ice conne	ected therewith.				
OR Practitioner	• 3	ned Customer Number.			Place Custo Number Bar Label here	
OR ☐ Firm or		<u> </u>				
Individual N	Name			 		
Address			;- www	 		•
City		· · · · · · · · · · · · · · · · · · ·	Sta		ZIP	
			3.6			
Country						•
Telephone	1.404		Fa	×	· var i i i var	· · · · · · · · · · · · · · · · · · ·
l am the:						
L Applicant	t/Invento	r. ,				
_		d of the entire interest.				
Certificate	e under 3	7 CFR 3.73(b) is enclose				
			RE of Applicant of	r Assignee of R	Record	
	Martin J.	O'Brien, Vice President,	Ophir Corporation			
Signature	1	are (1)			, 	
Date	7/	31/03(Telephone		33-2200
Submit multiple	oforms i	f more than one signatu	nees of record of are is required, se	the entire intere	st or their repres	entative(s) are required.
		are submitted.	and 1.33. The inform	ation is required to	obtain or retain a be	mefit by the public which is to f
and by the USPTO ninutes to complete ndividual case. Any) to proce: e, includin / commen	ss) an application. Confiden g gathering, preparing, and is on the amount of time you	tiality is governed by submitting the comp a require to complete	35 U.S.C. 122 and leted application for this form and/or su	d 37 CFR 1.14. This rm to the USPTO. Ti aggestions for reduci	collection is estimated to take me will vary depending upon to ng this burden, should be sent andria, VA 22313-1450. DO NO
SEND FEES OR C 22313-1450.	OMPLET	ED FORMS TO THIS ADD	RESS SEND TO:	Commissioner	for Patents, P.O.	Box 1450, Alexandria, V

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Express Mail Label No. EV 203526547 US

PTO/SB/96 (04-03) Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)					
Applicant/Patent Owner: Loren M. Caldwell et al.					
Florida.	D-1- (11				
	ssue Date: (Herewith)				
Entitled: OPTICAL AIR DATA SYSTEMS AND METHODS					
Ophir Corporation a Corporation (Name of Assignee) (Type of Assignee)	e.g., corporation, partnership, university, government agency, etc.)				
	, e.g., corporation, partnership, university, government agency, etc.)				
states that it is:					
1. At the assignee of the entire right, title, and interest; or	*				
2. an assignee of less than the entire right, title, and int					
The extent (by percentage) of its ownership interest is %					
in the patent application/patent identified above by virtue of either:					
 A. An assignment from the inventor(s) of the patent application recorded in the Patent and Trademark Office at Reel attached. 	n/patent identified above. The assignment was , Frame, or for which a copy thereof is				
OR .					
B. A chain of title from the inventor(s), of the patent application shown below:	n/patent identified above, to the current assignee as				
1. From: To:					
The document was recorded in the United States Pate					
Reel, Frame, or for which a copy thereof	is attached.				
2. From:					
The document was recorded in the United States Pate	int and Trademark Office at				
Reel, Frame, or for which a copy thereof	Is attached.				
3. From:					
The document was recorded in the United States Pate	ent and Trademark Office at				
Reel, Frame, or for which a copy thereof is attached.					
Additional documents in the chain of title are listed on	a supplemental sheet.				
Copies of assignments or other documents in the chain of title [NOTE: A separate copy (i.e., the original assignment docume must be submitted to Assignment Division in accordance with recorded in the records of the USPTO. See MPEP 302.8]	ent or a true copy of the original document)				
The undersigned (whose title is supplied below) is empowered to	sign this statement on behalf of the assignee.				
	More M				
7/31/03 Date	Signature				
	Martin J. O'Brien				
303-933-2200 Telephone Number	Typed or printed name				
	Vice President				
· ·	Title				

This collection of information is required by 37 CFR 3.73(b). The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. 80x 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Docket No.: 410391

Patent

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, tiwe, the undersigned. <u>Loren M. Calchest, Martin J. O'Brinn, Carl S. Weitner and Loren D. Nelson</u>, do hereby sell, assign, and transfer to: Ophir Corporation, a corporation of Colorado, having a place of business at 10184 West Bellsview Avenue, Suite 200, Littleton, Colorado 60127 ("Assignee"), its successors, assigns, and legal representatives, the entire right, little and interest for the United States and all foreign countries, in and to any and all inventions and improvements which are disclosed in the application for United States Letters Patent which has been executed by the undersigned concurrently herewith and is entitled:

OPTICAL AIR DATA SYSTEMS AND METHODS

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Paters which have been or shall be filled in the United States and all foreign countries on any of said improvements; and in and to all original and relissued patents which have been or shall be leaued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filling of said United States application; and

Agree that said Assigned may apply for and receive Latters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignse, its successors, assigns and logal representatives, to carry out or good table the internal and purpose of this Assignse, its successors, assigns and logal representatives, at distinct all divisors, confining, substitute, renewal, relissue, and all other papers; communicate to said Assignse, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignse, its successors, assigns or representatives shall consider desirable for alting in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all patents on said improvements, in said Assignse, its successors, assigns and legal representatives; and

Covenant, with said Analyses, its successors, assigns and tegal representatives that no assignment, grant mortgage, license, or other agreement affecting the rights and properly herein conveyed has been made to others by the undersigned, and that tull right to convey the same as herein expressed to possessed by the undersigned.

Name: Carl M. Caldwell Date: 7/31/03

Name: Martin J. O'Brien

Carl S. Weimer

Date: 7/31/03

Date: 7/31/03

Date: 7/31/03